

# Billerud CrownBoard Prestige

Production units: Frövi & Gruvön

## Technical guideline

Imperial



Fully coated top side  
 Top: Bleached chemical pulp  
 Middle: Bleached CTMP reinforced with bleached chemical pulp  
 Bottom: Bleached chemical pulp  
 Light coated reverse side

### Product description

CrownBoard Prestige® combines strength and printability in a unique way. The strong, stiff and tough board gives top performance throughout the product range. A high-white, coated surface offers outstanding print results giving the packaging a sophisticated visual appearance that enhances the contents. CrownBoard Prestige® is made out of 100% primary wood fibres. Produced in Sweden.

### Certification

Our mills are certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSC 22000. PEFC CoC and FSC® CoC Licence FSC-C004906 available. The product is in compliance with FDA and BfR regarding food contact applications, for restriction and limitations ask your sales person. Recyclable in accordance with EN 13430:2004 and EN 13431:2004.

Property	Unit	Method	8.1	10.0	11.4	12.0	14.0	15.9	17.9	19.9	21.9	23.8
<b>Caliper points</b>	<b>pt</b>		<b>8.1</b>	<b>10.0</b>	<b>11.4</b>	<b>12.0</b>	<b>14.0</b>	<b>15.9</b>	<b>17.9</b>	<b>19.9</b>	<b>21.9</b>	<b>23.8</b>
<b>Nominal basis weight</b>	<b>lb/3000 sq.ft</b>		<b>104</b>	<b>123</b>	<b>135</b>	<b>144</b>	<b>163</b>	<b>178</b>	<b>194</b>	<b>209</b>	<b>227</b>	<b>246</b>
Bending stiffness, taber 15° MD	mNm		3.1	5.6	8.3	10.2	14.5	20.8	26.6	31.4	40.6	51.7
Bending stiffness, taber 15° CD	mNm		1.5	2.7	4.0	4.9	7.2	11.1	14.0	17.1	22.2	28.0
Bending stiffness, taber MD	gcm		32	57	85	104	148	212	271	320	414	527
Bending stiffness, taber CD	gcm		15	27	40	50	74	113	143	175	227	286
Internal bond strength	1/1000ft.lb <sup>2</sup>		71	71	71	71	71	71	71	71	71	71
Tearing resistance	gf		194	235	275	316	387	433	489	561	642	744
Compression strength SCT MD	lb/in		28.0	30.8	33.1	34.8	36.0	39.4	41.1	44.0	47.4	50.2
Compression strength SCT CD	lb/in		18.8	22.3	24.6	25.7	26.8	31.4	32.5	36.0	38.8	41.1
GE Brightness TS	%	TAPPI T 452 *	92	92	92	92	92	92	92	92	92	92
GE Brightness RS	%	TAPPI T 452 *	87	87	87	87	87	87	87	87	87	87
CIE Whiteness TS	%	ISO 11475	125	125	125	125	125	125	125	125	125	125
CIE Whiteness RS	%	ISO 11475	102	102	102	102	102	102	102	102	102	102
Roughness PPS-10 TS	microns	ISO 8791-4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Sheffield RS		TAPPI T 538 *	180	180	180	180	180	180	180	180	180	180
Moisture content	%	ISO 287	7.3	7.3	7.3	7.4	7.4	7.5	7.7	7.9	8.1	8.3

• Issued on the 17th of October 2019. Revised on the 12th of October 2022.  
 • This summary sheet reflects only nominal values. For full product information see Billerud CrownBoard Prestige Technical Data Sheet revised on the 12th of October 2022.

\*) Indicative value